----------ONE DIMENSIONAL ARRAYS ----------

***Basic Theory**: Explain about 1 D array, initialization of array*

Each question should contain Source code and Output

1. WAP to input and output n array elements.

2. WAP to find sum of all elements in array.

3. WAP to find average of array elements.

4. Program to read N integers (zero, +ve and -ve) into an array A and to
   a) Find the sum of negative numbers.
   b) Find the sum of positive numbers.
   c) Find the average of all input number

5. WAP to print the elements of an array present on even position.

6. WAP to print the elements of an array present on odd position.

7. WAP to find maximum number in an array.

8. WAP to find minimum number in an array.

9. WAP to read n numbers from keyboard and find smallest and largest number.

10. WAP to find sum of all odd numbers in array.

11. WAP to find sum of all even numbers in array.

12. WAP to display array in reverse order.

13. WAP to copy one array into another array.

14. WAP to copy array to another in reverse order.

15. WAP to ADD/SUB/MUL two arrays.

16. WAP to count all prime numbers in an array.

17. WAP to find sum of all prime number in array.

18. WAP to find frequency of an element in an array.

19. WAP to check weather a given number is present in an array or not and find its position (also for repeated values).

20. Program to accept N integer number and store them in an array AR. The odd elements in the AR are copied into OAR and other elements are copied into EAR. Display the contents of OAR and EAR.

21. WAP to sort array in ascending order

22. WAP to sort array in descending order